

Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

UVMO:011US/SLH

09/915,225

## List of Patents and Publications for Applicant's

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

4

Applicant

Hannah Alexander

Stephen Alexander

Filing Date:

July 25, 2001

Group:

1645 1636

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1



## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
W	C1	Broughton <i>et al.</i> , "Molecular and cellular analysis of the DNA repair defect in a patient in Xeroderma Pigmentosum complementation group D who has the clinical features of Xeroderma Pigmentosum and Cockayne Syndrome," <i>Am. J. Hum. Genet.</i> , 56:167-174, 1995.
	C2	Deering, R., "DNA repair in <i>Dictyostelium</i> ," <i>Dev. Genet.</i> 9:483-493, 1988.
	C3	Drapkin <i>et al.</i> , "Dual role of the TFIID in DNA excision repair and in transcription by RNA polymerase II," <i>Nature</i> , 368:769-772, 1994.
	C4	Freeland <i>et al.</i> , "Apurinic/apyrimidinic (AP) endonuclease from <i>Dictyostelium discoideum</i> : cloning, nucleotide sequence and induction by sublethal levels of DNA damaging agents," <i>Nucl. Acid Res.</i> 24:1950-1953, 1996.
	C5	Friedberg <i>et al.</i> , <i>DNA REPAIR AND MUTAGENESIS</i> , ASM Press, Washington, DC, 1995.
	C6	Friedberg, "Relationships between DNA repair and transcription," <i>Annu. Rev. Biochem.</i> , 65:15-42, 1996.
	C7	Garcia <i>et al.</i> , "Differential developmental expression and cell type specificity of <i>Dictyostelium</i> catalases and their response to oxidative stress and UV-light," <i>Biochim. Biophys. Acta</i> 1492:295-310, 2000.
W	C8	Gulyas and Donahue, "SSL2, a suppressor of a stem-loop mutation in the HIS4 leader encodes the yeast homolog of human ERCC-3," <i>Cell</i> , 69:1031-1042, 1992.

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EXAMINER:

Konstantina Katselou

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See Page 1

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See Page 1

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Exam. Init.	Ref. Des.	Citation
✓	C9	Guzder <i>et al.</i> , "Lethality in yeast of Trichothiodystrophy (TTD) mutations in the human Xeroderma Pigmentosum Group D Gene," <i>J. Biol. Chem.</i> , 270:17660-17663, 1995.
✓	C10	Guzder <i>et al.</i> , "RAD25 is a DNA helicase required for DNA repair and RNA polymerase II transcription," <i>Nature</i> , 369:578-581, 1994.
✓	C11	Hanawalt and Mellon, "Stranded in an active gene," <i>Curr. Biol.</i> , 3:67-69, 1993.
✓	C12	Hanawalt, "Transcription-coupled repair and human disease," <i>Science</i> , 266:1957-1958, 1994.
✓	C13	Higgins <i>et al.</i> , "Isolation and characterization of the RAD3 gene <i>Saccharomyces cerevisiae</i> and inviability of rad3 deletion mutants," <i>Proc. Nat'l Acad. Sci. USA</i> , 80:5680-5684, 1983.
✓	C14	Kessin, <i>Dictyostelium: Evolution, Cell Biology and Development of Multicellularity</i> , Cambridge University Press, Cambridge, UK and New York, 2000.
✓	C15	Kraemer <i>et al.</i> , "Xeroderma Pigmentosum and related disorders: examining the linkage between defective DNA repair and cancer," <i>J. Invest. Dermatol.</i> , 103:96S-101S, 1994.
✓	C16	Kuspa and Loomis, "Tagging developmental genes in <i>Dictyostelium</i> by restriction enzyme-mediated integration of plasmid DNA," <i>Proc. Nat'l Acad. Sci. USA</i> 89:8803-8807, 1992.
✓	C17	Kuspa and Loomis, "Transformation of <i>Dictyostelium</i> : Gene disruptions, insertional mutagenesis, and promoter traps," <i>Methods in Molecular Genetics</i> , 3:3-21, 1994.
✓	C18	Lee <i>et al.</i> , "Differential developmental expression of the repB and repD Xeroderma pigmentosum related DNA helicase genes from <i>Dictyostelium discoideum</i> ," <i>Nucl. Acids Res.</i> 25(12):2365-2374, 1997.
✓	C19	Lehmann, "Nucleotide excision repair and the link with transcription," <i>Trends Biochem. Sci.</i> , 20:402-405, 1995.
✓	C20	Li <i>et al.</i> , "Molecular basis for resistance to the anticancer drug cisplatin in <i>Dictyostelium</i> ," <i>Microbiology</i> , 146:2219-2227, 2000.
✓	C21	Loomis, <i>The Development of Dictyostelium discoideum</i> . Academic Press, New York, 1982.
✓	C22	Park <i>et al.</i> , "RAD25 (SSL2), the yeast homolog of the human xeroderma pigmentosum group B DNA repair gene, is essential for viability," <i>Proc. Nat'l Acad. Sci. USA</i> , 89:11461-11420, 1992.
✓	C23	Sancar, "DNA excision repair," <i>Annu. Rev. Biochem.</i> , 65:43-81, 1996.

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EXAMINER:

Konstantia Katchewa

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1645 1634Other Art  
See Page 1

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Exam. Init.	Ref. Des.	Citation
✓	C24	Sussman, "Cultivation and synchronous morphogenesis of <i>Dictyostelium</i> under controlled experimental conditions," <i>Meth. Cell Biol.</i> 28:9-29, 1987.
✓	C25	Svejstrup <i>et al.</i> , "Different forms of TFIIH for transcription and DNA repair: Holo-TFIIH and a nucleotide excision repairosome," <i>Cell</i> , 80:21-28, 1995.
✓	C26	Sweder and Hanawalt, "The COOH terminus of suppressor of stem loop (SSL2/RAD25) in yeast is essential for overall genomic excision repair and transcription-coupled repair," <i>J. Biol. Chem.</i> , 269:1852-1857, 1994.
✓	C27	Takayama <i>et al.</i> , "Defects in the DNA repair and transcription gene ERCC2 in the cancer-prone disorder Xeroderma Pigmentosum Group D," <i>Cancer Res.</i> , 55:5656-5663, 1995.
✓	C28	Van Vuuren <i>et al.</i> , "Correction of xeroderma pigmentosum repair defect by basal transcription factor BTF2 (TFIIH)," <i>EMBO J.</i> , 13(7):1645-1653, 1994.
✓	C29	Yu <i>et al.</i> , "Rapid changes of Nucleotide excision repair gene expression following UV-irradiation and cisplatin treatment Of <i>Dictyostelium Discoideum</i> ," <i>Nucl. Acids Res.</i> , 26(14):3397-3403, 1998.

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EXAMINER:

*Karen A. Katchko*

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